What is claimed is:

1. A light emitting unit for displaying different colors of light from two sides, comprising:

a light emitting element;

a transparent substrate located on a display side of the light emitting element;

a transparent package cap for packaging the light emitting element;

a first inorganic optical film located on the transparent substrate; and

a second inorganic optical film located on the package cap;

wherein the light emitting element generates light which passes through and is filtered by the inorganic optical films to display required colored lights on two sides of the light emitting element.

2. The light emitting unit for displaying different colors of light from two sides of claim 1, wherein the inorganic optical films are made from combination of materials selected from Si, CdS, TiO_2, Ta_2O_3, Indium Tin Oxide, SiO_2, ZnO, ZnO_2, Al_2O_3, BaF_2, SnO_2, ZrO_2, CeO_2, and MgF_2.

3. The light emitting unit for displaying different colors of light from two sides of claim 1, wherein the inorganic optical films are made by sputter plating deposition of physical vapor deposition (PVD).

4. The light emitting unit for displaying different colors of light from two sides of claim 1, wherein the inorganic optical films are made by electron beam evaporation (EBE) of physical vapor deposition (PVD).

5. The light emitting unit for displaying different colors of light from two sides of claim 1, wherein the first inorganic optical film is located on an outer side of the transparent substrate.

6. The light emitting unit for displaying different colors of light from two sides of claim 1, wherein the first inorganic optical film is located on an inner side of the transparent substrate.

7. The light emitting unit for displaying different colors of light from two sides of claim 1, wherein the second inorganic optical film is located on an outer side of the transparent package cap.

8. The light emitting unit for displaying different colors of light from two sides of claim 1, wherein the second inorganic optical film is located on an inner side of the transparent package cap.

9. The light emitting unit for displaying different colors of light from two sides of claim 1, wherein the thickness of the inorganic optical films are alterable according the colored light to be passed through.

10. The light emitting unit for displaying different colors of

light from two sides of claim 1, wherein the layer number of the inorganic optical films are alterable according the colored light to be passed through.